

5. (Twice Amended) A method according to claim 7 wherein said nucleoside further comprises a nucleoside analog.

6. (Twice Amended) A method according to claim 7 wherein said activating agent is carbonyldiimidazole.

8. (Amended) A method according to claim 7 wherein said electron transfer moiety is a transition metal complex comprising a transition metal chelated by at least one ligand.

9. (Amended) A method according to claim 8 wherein said transition metal complex comprises a transition metal selected from the group consisting of ruthenium, rhenium, osmium, platinum, cobalt, and iron.

10. (Amended) A method for making a 2' modified nucleoside comprising a covalently attached transition metal complex, said method comprising:

- a) adding an anhydro-nucleoside and a polydentate ligand comprising a primary amine in the presence of an activation agent to form an activated anhydro-nucleoside;
- b) treating said anydronucleoside with a cyclization agent to form a cyclized intermediate;
- c) treating said cyclized intermediate with a base to form said 2' modified nucleoside; and
- d) adding an transition metal.

11. (Amended) A method according to claim 8 wherein the coordination atom of said ligand is selected from the group consisting of nitrogen, oxygen, sulfur, carbon and phosphorus.

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13. (Amended) A method according to claim 10 wherein said organometallic ligand is ferrocene.

14. (Amended) A method according to claim 10 wherein said organometallic ligand is a metallocene.

15. (New) A method according to claim 8 wherein said ligand is a sigma donor.